

(19)



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(11)

EP 1 137 293 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
05.01.2005 Bulletin 2005/01

(51) Int Cl.7: H04N 13/00

(43) Date of publication A2:
26.09.2001 Bulletin 2001/39

(21) Application number: 01106345.0

(22) Date of filing: 16.03.2001

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: 21.03.2000 JP 2000078744
17.01.2001 JP 2001009308

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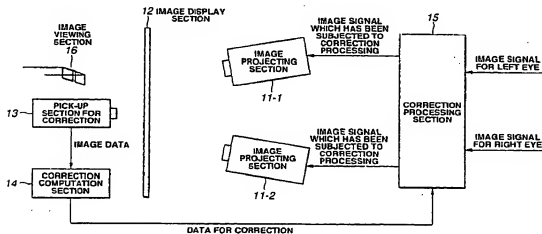
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(54) Stereoscopic image projection device

(57) Images for adjustment are projected onto an image display section 12 by image projecting sections 11-1, 11-2 for a left eye and a right eye. The image projecting sections 11-1, 11-2 are disposed such that projected image display ranges for the left eye and the right eye are substantially superposed. First, image projection at the image projecting section 11-2, which is one of the image projecting sections for the left eye and the right eye, is stopped, and one image for adjustment which is projected onto the image display section 12 is picked-up by a pick-up section 13 for correction. Next, image projection by the image projecting section 11-2,

at which projection had been stopped until then, is started, and a new image for adjustment projected on the image display section 12 is picked-up by the pick-up section 13 for correction. After pick-up has been completed, obtained image data is sent to a correction computation section 14 where, on the basis of the image data, computation is carried out to generate correction data for geometric distortion and positional offset. The correction data is sent to a correction processing section 15 where, on the basis of the correction data, correction processing is carried out on left and right inputted image signals.

FIG.1



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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 6345

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 October 2004	Examiner Mao, P
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 (03.01) (P01C01)



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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet 8

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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LACK OF UNITY OF INVENTION
SHEET B

Application Number
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7,9-11

stereoscopic projection device with feedback loop for
distortion correction

2. claims: 8,12

stereoscopic projection device with broad color range

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EPO file on
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